

In the Claims:

Please amend claims 1, 10, 24, and 25. The following list of claims replaces all proceeding lists.

1. (currently amended) A radiating patch for use in a planar inverted F antenna, the radiating patch comprising:

an electrically conductive blank comprising a periphery and forming a planar surface;

a first connector cut from the conductive blank and extending away from the blank in the first direction and forming a cutout region in and co-planar with the conductive blank;

the cutout region being completely internal to the conductive blank; and

a second connector extending away from the blank in the first direction, wherein a feed is connected to the first connector such that power is provided at a point internal to the conductive blank.

2. (original) The radiating patch of claim 1, wherein the first connector comprises a feed connector.

3. (previously presented) The radiating patch of claim 1, wherein the second connector comprises a ground connector.

4. (cancel)

5. (cancel)

6. (original) The radiating patch of claim 1, wherein the conductive blank comprises a corrosion-resistant material.

7. (original) The radiating patch of claim 1, wherein the cutout comprises a radiating element.

8. (original) The radiating patch of claim 1, wherein the cutout comprises at least one of a straight line, a circle, a polygon, an arc, a zig-zag line and a meander line.

9. (original) The radiating patch of claim 1, wherein the second connector is cut from the conductive blank forming another cutout region.

10. (currently amended) A planar inverted F antenna for use in a wireless communication device having a printed circuit board, the antenna comprising:

a radiating patch comprising a periphery and forming a planar surface;

a first connector for providing a first electrical connection to the printed circuit board of the wireless communication device, the first connector being cut from an internal portion of the radiating patch and extending away from the radiating patch in a first direction; and forming a cutout region internal to and co-planar with the radiating patch;

a second connector for providing a second electrical connection to the printed circuit board of the wireless communication device; and

a non-conductive carrier for receiving the radiating patch, wherein a feed is connected to the first connector such that power is provided at a point internal to the conductive blank.

11. (original) The antenna of claim 10, wherein the carrier further comprises an opening to receive the first connector.

12. (original) The antenna of claim 10, wherein the carrier further comprises at least one locating pin for aligning the radiating patch on the carrier.

13. (original) The antenna of claim 12, wherein the locating pin is deformed to secure the radiating patch to the carrier.

14. (original) The antenna of claim 10, wherein the carrier further comprises at least one locating block for aligning the radiating patch on the carrier.

15. (original) The antenna of claim 14, wherein the at least one locating block is deformed to secure the radiating patch to the carrier.

16. (original) The antenna of claim 12, wherein the carrier further comprises at least one locating block for aligning the radiating patch to the carrier.

17. (cancel)

18. (cancel)

19. (original) The antenna of claim 10, wherein the cutout comprises a radiating element.

20. (original) The antenna of claim 10, wherein the cutout comprises at least one of a straight line, a circle, a polygon, an arc, a diagonal line and a meander line.

21. (original) The antenna of claim 10, wherein the first connector aligns the radiating patch with the carrier.

22. (original) The antenna of claim 10, wherein the first connector secures the radiating patch to the carrier.

23. (original) The antenna of claim 10, wherein the second connector is formed from another cutout.

24. (currently amended) A planar inverted F antenna for use in a wireless communication device having a printed circuit board, the antenna comprising:

a radiating patch comprising a periphery and forming a planar surface;

means internal to the radiating patch for connecting the radiating patch to the printed circuit board of the wireless communication device, the means for connecting forming a cutout region in and co-planar with the radiating patch, wherein a feed is connected to means internal to the radiating patch for connecting such that power is provided to a point internal to the conductive blank;

a second connector for providing a second electrical connection to the printed circuit board of the wireless communication device; and

a non-conductive carrier for receiving the radiating patch.

25. (currently amended) A method of making a radiating patch for use in a planar inverted F antenna, the method comprising:

providing a conductive blank having a periphery and forming a planar surface;

cutting a first connector from a portion of the conductive blank internal to the periphery of the conductive blank and co-planar with the conductive blank; and

bending the first connector away from the conductive blank to form a cutout region internal to said conductive blank;

forming a second connector; and

arranging the conductive blank over a feed such that the feed contacts the first connector to provide power at a point internal to the conductive blank-.